



#3

SEQUENCE LISTING

Manoharan, Muthiah
Cook, Phillip Dan
Bennett, Clarence Frank

<120> Derivatized Oligonucleotides Having Improved Uptake and Other Properties

<130> ISIS-5024

<140> 10/073,718

<141> 2002-02-11

<150> 09/633659

<151> 2000-08-07

<150> 6153737

<151> 2000-11-28

<150> 08/211882

<151> 1994-04-22

<150> PCT/US92/09196

<151> 1992-10-23

<150> 07/782374

<151> 1991-10-24

<150> 07/566977

<151> 1990-08-13

<150> PCT/US91/000243

<151> 1991-01-11

<150> 08/463358

<151> 1990-01-11

<160> 18

<170> PatentIn version 3.1

<210> 1

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Novel Sequence

<400> 1

ttgcttccat cttcctcgtc

20

<210> 2

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Novel Sequence

<400> 2

ctgtctccat cttcact

17

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Novel Sequence

<400> 3	
ctgtctccat cctcttcact	20
<210> 4	
<211> 18	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Novel Sequence	
<400> 4	
tgggagccat agcgaggc	18
<210> 5	
<211> 12	
<212> RNA	
<213> Artificial Sequence	
<220>	
<223> Novel Sequence	
<400> 5	
cccaggcuca ga	12
<210> 6	
<211> 12	
<212> RNA	
<213> Artificial Sequence	
<220>	
<223> Novel Sequence	
<400> 6	
gagcucccag gc	12
<210> 7	
<211> 11	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Novel Sequence	
<400> 7	
ggctgactgc g	11
<210> 8	
<211> 12	
<212> RNA	
<213> Artificial Sequence	
<220>	
<223> Novel Sequence	
<400> 8	
ccaagccuca ga	12
<210> 9	
<211> 12	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Novel Sequence	
<400> 9	

ccaggcucag at

12

<210> 10
<211> 16
<212> DNA
<213> Artificial Sequence

<220>
<223> Novel Sequence

<400> 10
tccaggtgtc cgcatac

16

<210> 11
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Novel Sequence

<400> 11
ggaccggaag gtacgag

17

<210> 12
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Novel Sequence

<400> 12
cctggccttc catgctc

17

<210> 13
<211> 17
<212> RNA
<213> Artificial Sequence

<220>
<223> Novel Sequence

<400> 13
ccuggccuuc caugcuc

17

<210> 14
<211> 12
<212> RNA
<213> Artificial Sequence

<220>
<223> Novel Sequence

<400> 14
caugcucgag cc

12

<210> 15
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Novel Sequence

<400> 15

tgggagccgt agcgaggc

18

<210> 16
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Novel Sequence

<400> 16
ggcgucucca ggggaucuga c

21

<210> 17
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Novel Sequence

<400> 17
tctgagtagc agaggagctc

20

<210> 18
<211> 31
<212> RNA
<213> Artificial Sequence

<220>
<223> Novel Sequence

<400> 18
ggccagaucu gagccuggga gcucuguggc c

31